

How to change front brake discs on Ford Fiesta JA8 – replacement guide

 VIDEO TUTORIAL

## Important!

This replacement procedure can be used for:
FORD FIESTA VI (CB1, CCN) 1.5 TDCi, FORD FIESTA VI Van 1.5 TDCi

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The steps may slightly vary depending on the car design.

# REPLACEMENT: BRAKE DISCS – FORD FIESTA JA8. TOOLS YOU MIGHT NEED:




- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #12
- Drive socket # 12
- Drive socket # 15
- Wheel impact socket #19
- Torque wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock



## Replacement: brake discs – Ford Fiesta JA8. Tip from AUTODOC:

- Replace the brake disks on the car Ford Fiesta JA8 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Ford Fiesta JA8 – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.



2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #19.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

## Replacement: brake discs – Ford Fiesta JA8. AUTODOC recommends:

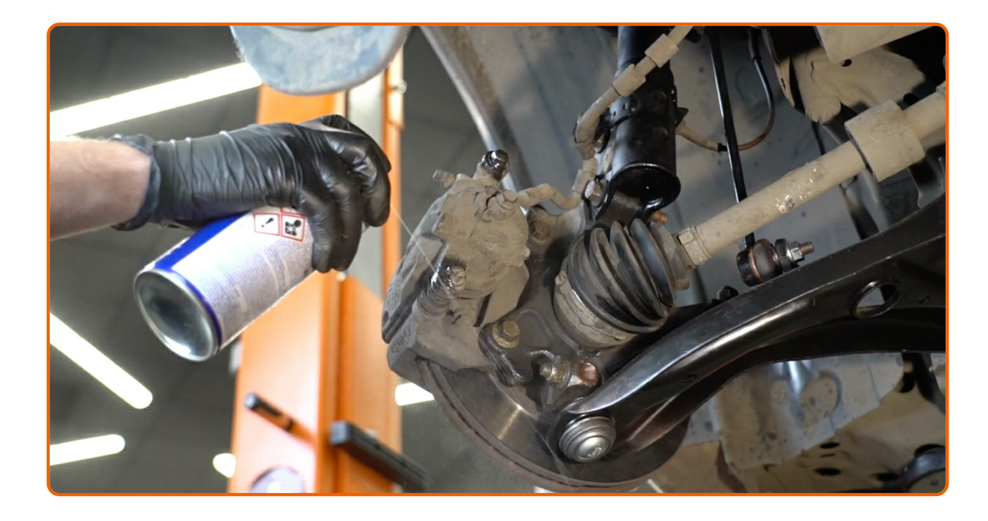
- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the brake caliper fastening. Use a combination spanner #12.

9



Spread the brake pads. Use a crowbar.

10



Remove the brake caliper.

## Replacement: brake discs – Ford Fiesta JA8. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads. Use a crowbar.

12



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

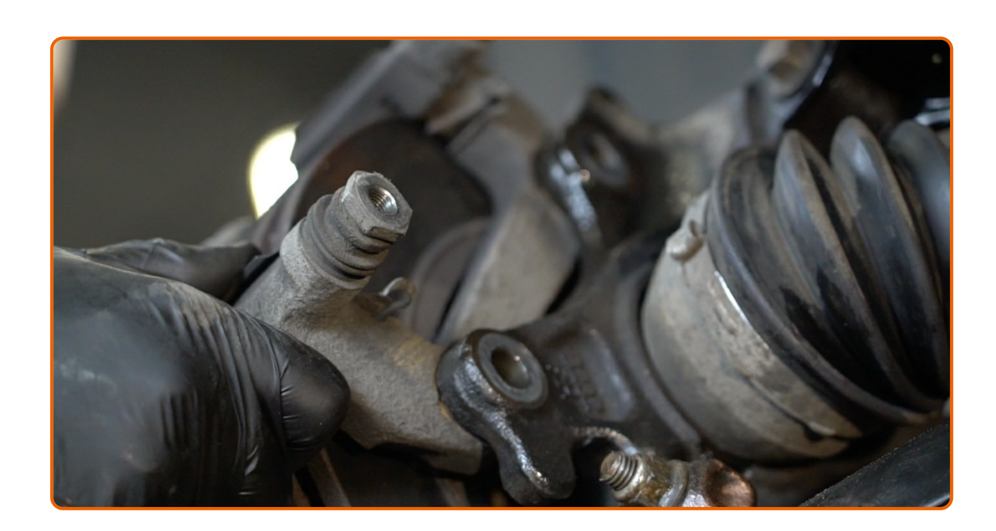


13



Unscrew the caliper bracket fastening. Use a drive socket #15. Use a tap wrench.

14



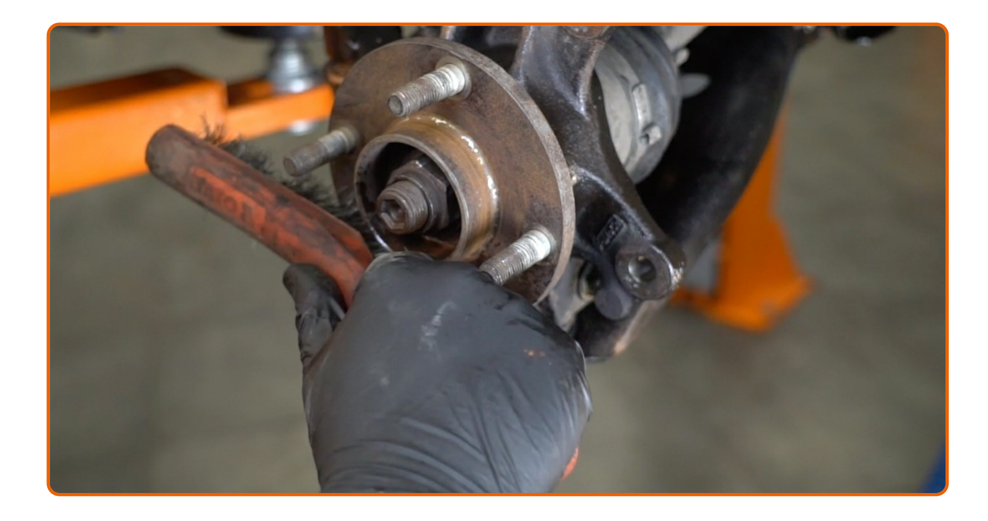
Remove the caliper bracket.

15



Remove the brake disc.

16



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

17



Install the brake disc.

18



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

## AUTODOC recommends:

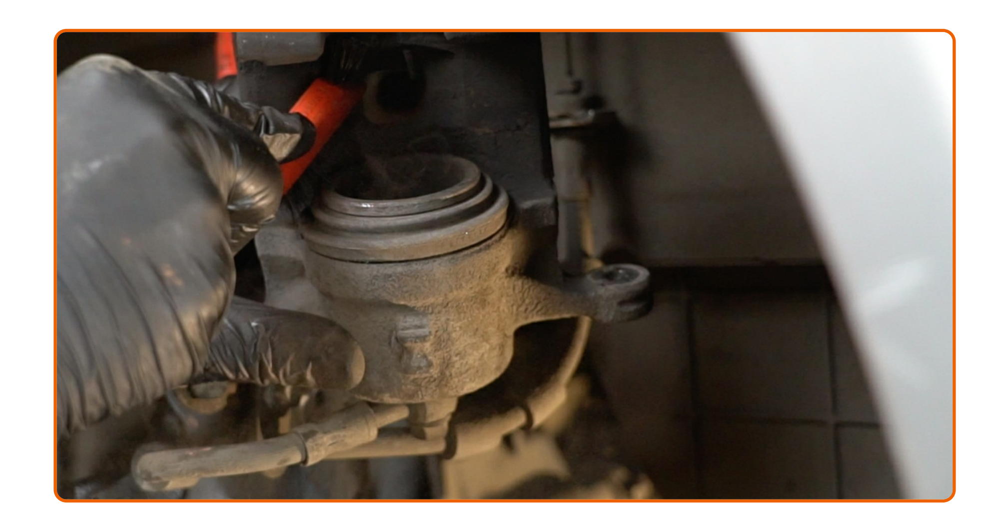
- Replacement: brake discs – Ford Fiesta JA8. After applying the spray, wait a few minutes.

19



Install the brake caliper bracket. Tighten the brake caliper bracket. Use a drive socket #15. Use a torque wrench. Tighten it to 61 Nm torque.

20



Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

## Replacement: brake discs – Ford Fiesta JA8. AUTODOC experts recommend:

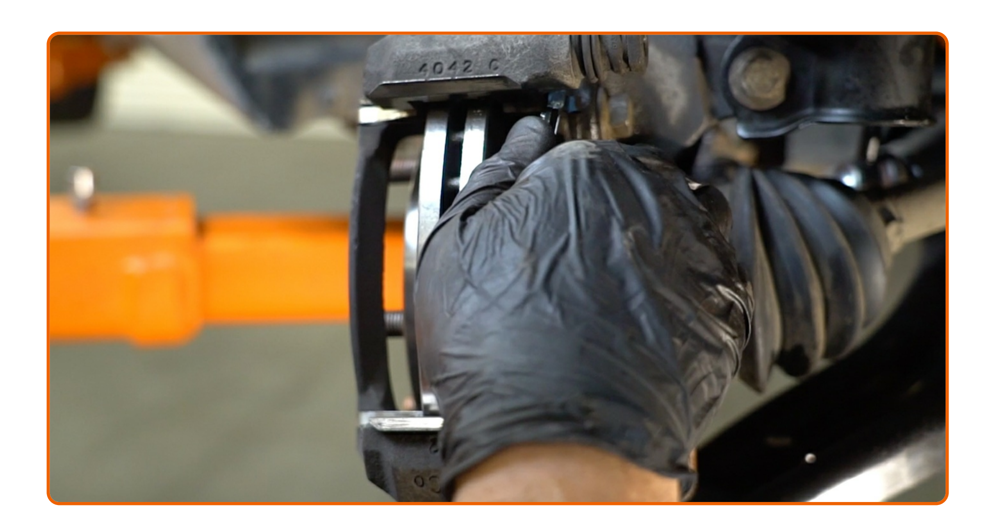
- After applying the spray, wait a few minutes.

21



Press in the brake caliper piston. Use brake caliper wind back tool.

22



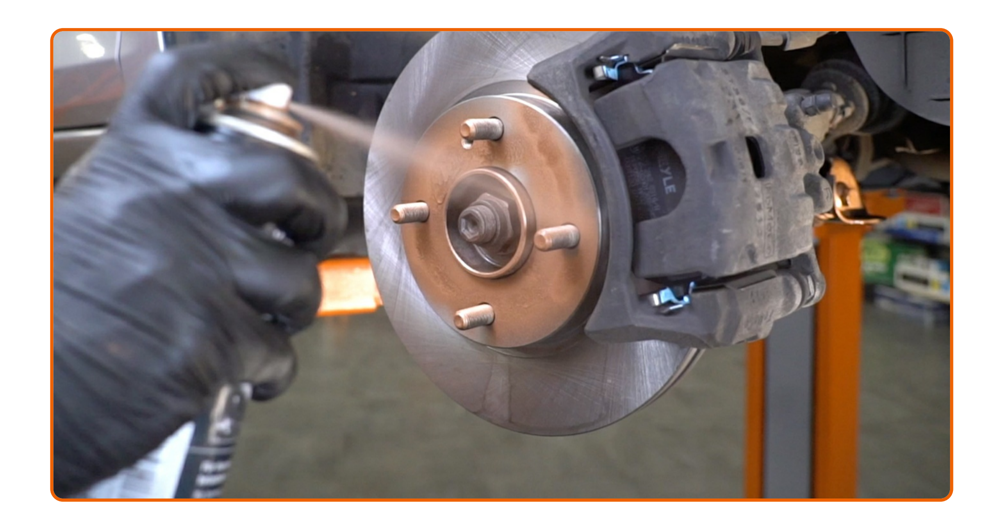
Install the brake pads.

23



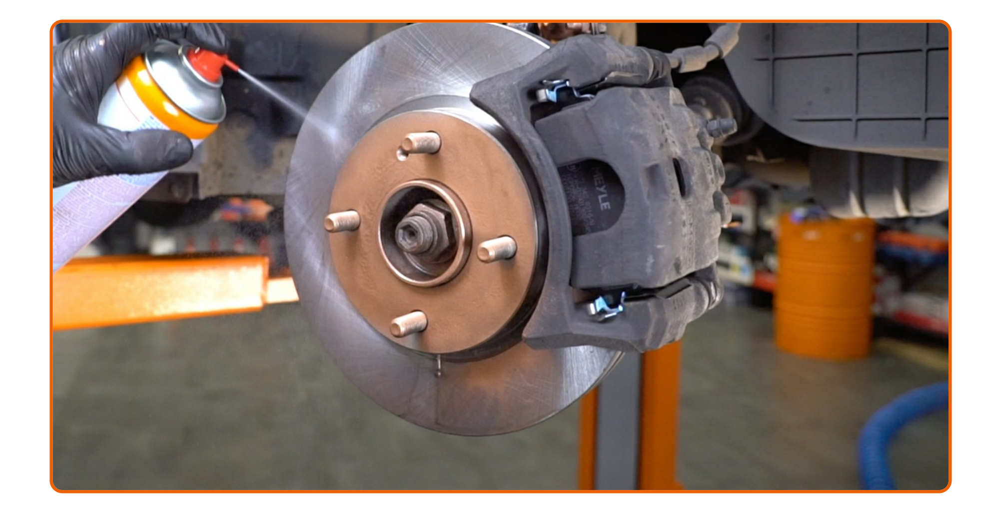
Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 35 Nm torque.

24



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

25



Clean the brake disk surface. Use a brake cleaner.

## Replacement: brake discs – Ford Fiesta JA8. Tip:

- After applying the spray, wait a few minutes.

26




Install the wheel.

## AUTODOC recommends:

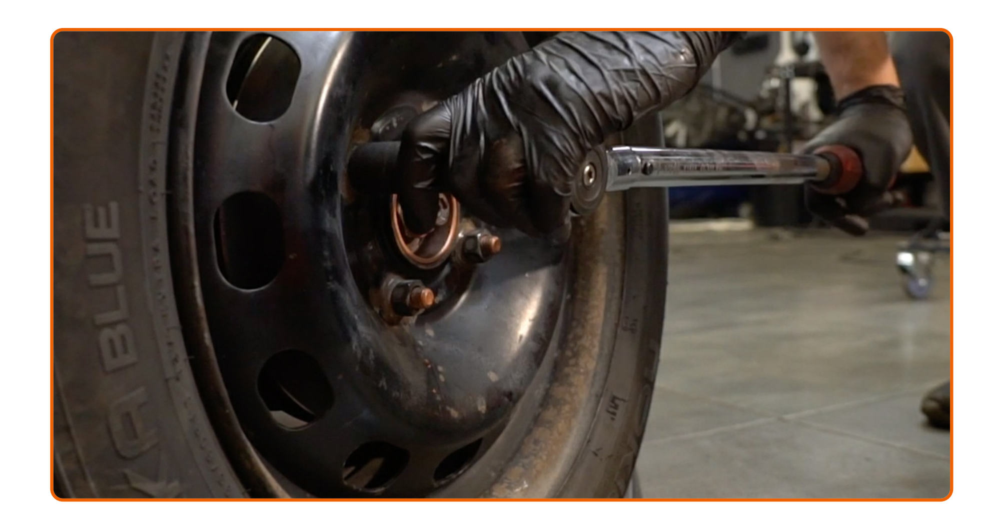
- Important! Hold the wheel while screwing in the fastening bolts. Ford Fiesta JA8

27



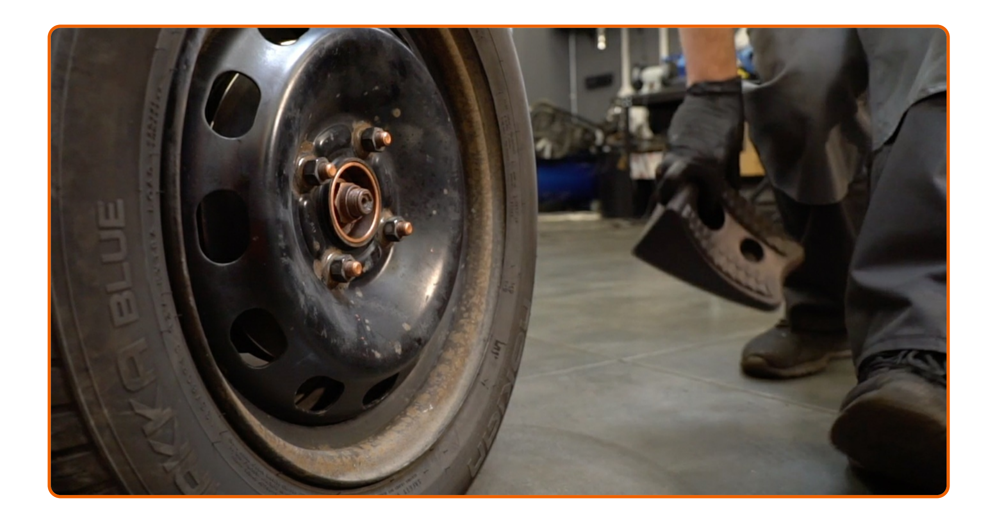
Screw in the wheel bolts. Use wheel impact socket #19.

28




Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 120 Nm torque.

29

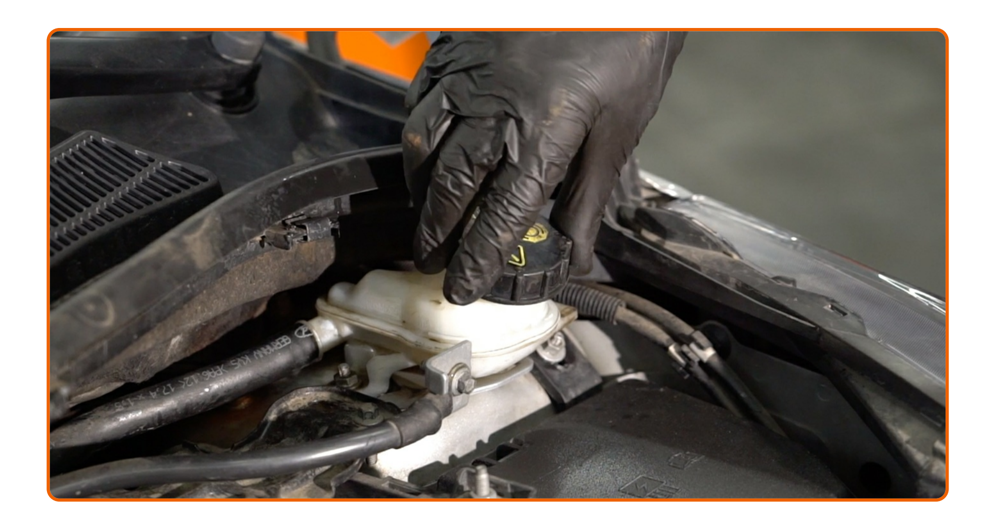



Remove the jacks and chocks.

## AUTODOC recommends:

- Important! Replacement: brake discs – Ford Fiesta JA8. Check the brake fluid level in the reservoir and top up if necessary.

30



Tighten the brake fluid reservoir cap.



## AUTODOC recommends:

- Ford Fiesta JA8 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

31



Close the hood.



# DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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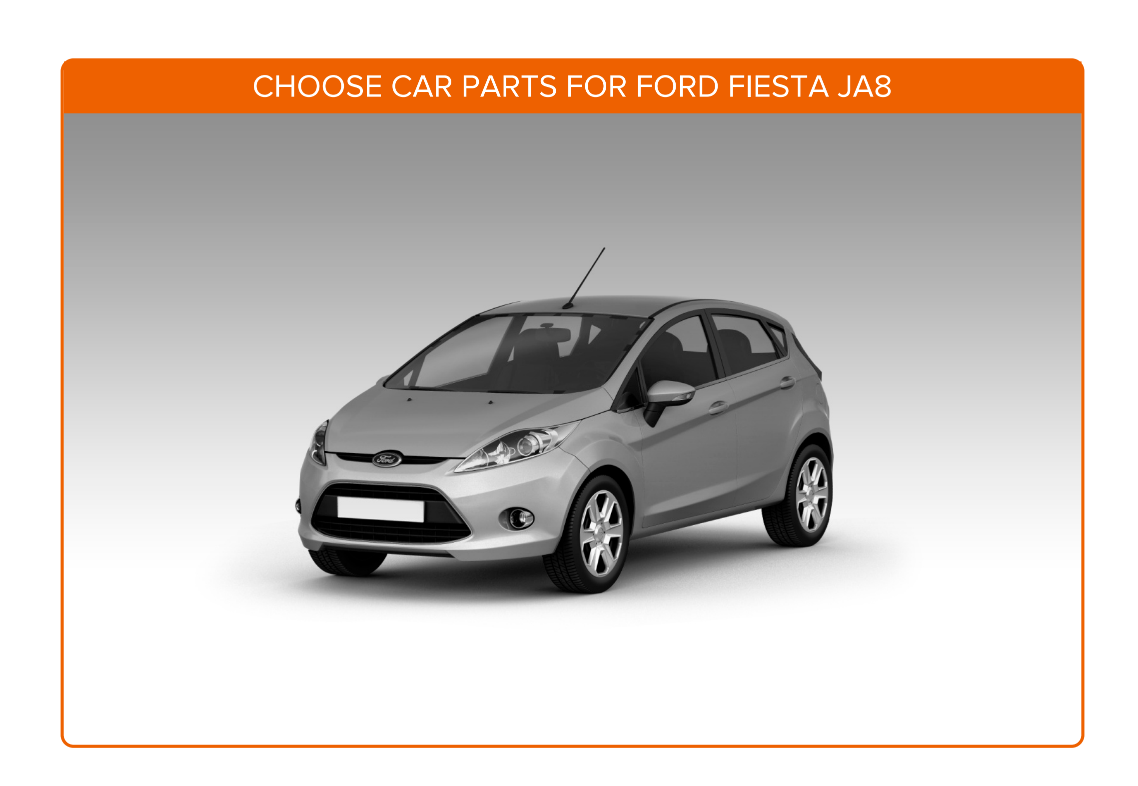



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Ford






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